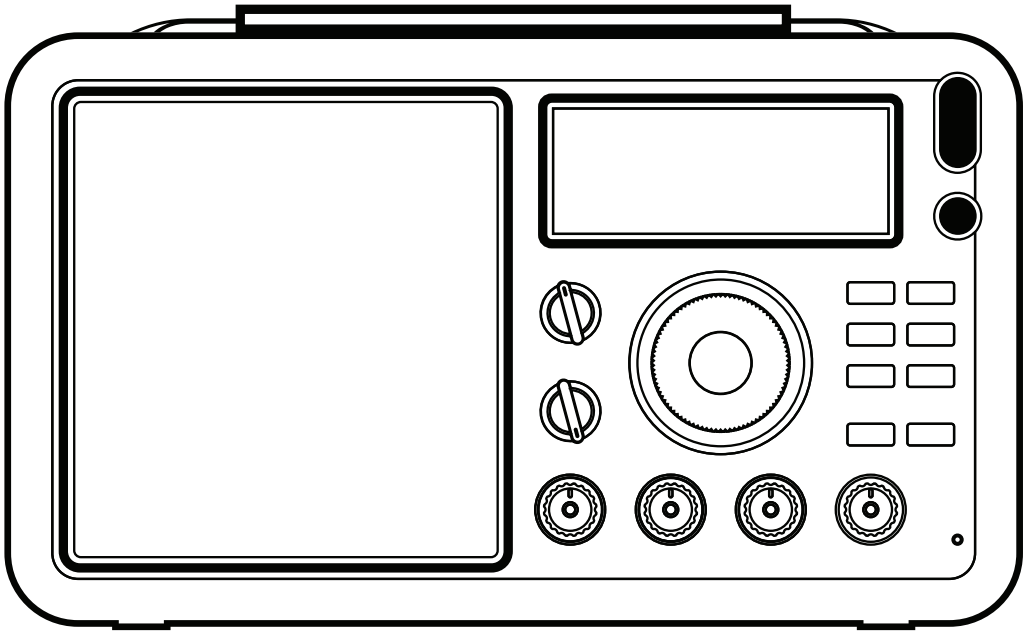
FIELD RADIO 550

The AM/FM/Shortwave radio that's outstanding in its field



OWNER'S MANUAL

eton
EMPOWERED BY NATURE

MEET THE FIELD

Thank you for purchasing the **Etón FIELD AM/FM/SW Radio**. We want you to thoroughly enjoy the use of this product. To take advantage of its many excellent and unique features, we urge you to carefully read the user's manual.

INSTALLING BATTERIES

The battery compartment is on the back of the radio. Remove it by pressing the two tabs and pulling up. To prevent battery acid leakage, follow these instructions. Battery acid leakage is not covered by the radio's warranty. Install only fresh, new alkaline D cells, all of the same brand and type. Never install or replace with batteries of different brands and types. Never mix old batteries with new ones. When not using the radio for more than 30 days, remove the batteries.

BATTERY TYPE AND OPERATION

Use 4 D size alkaline batteries. Install them with correct polarity using the diagram inside the battery compartment. Replace them if the battery strength indicator in the display shows one bar or the sound becomes distorted. The radio will turn off automatically if the batteries become too weak.

BATTERY LEVEL INDICATOR

The battery level indicator is in the upper left corner of the display. When batteries are full, will be displayed in the

LCD; if flashes, it indicates that batteries are low and the radio will soon turn off automatically.

USING AC POWER

Plug AC adapter into the socket on the right side of the radio. Use only the AC adapter supplied. When the AC adapter is plugged in, the will show in the upper left corner of the display. If you lose the AC adapter that came with the radio, use one with 6 Volt DC output, negative polarity, 500 milliampere and a plug with 5.5 millimeter outer diameter, 2.1 millimeter inner diameter.

POWER FAILURE BACKUP FEATURE

If batteries are in the unit and it is powered via its AC adapter, it will automatically switch to battery use if there is an AC power failure.

TURNING THE FIELD ON AND OFF

Turn on the radio by pressing the red POWER & SLEEP button on the front top right corner of the radio. When the unit is on, press the POWER & SLEEP again to turn the radio off.

TUNING

There are several ways to tune the radio to a desired station:

- Rotate the tuning knob to select the frequency
- Short press the UP or DOWN button to step by step change the frequency higher or lower

- Long press the UP or DOWN button to seek the next station up or down in frequency
- Press the PRESET button to tune to the next preset station

Short press the Q.TUNE button to increment quickly up the frequency range. The Q.TUNE button steps up in frequency by 1000kHz in FM mode and SW modes and 100kHz in MW (AM) mode. Long press the Q.TUNE button to continuously increment by the steps noted above.

TUNING IN FM STATIONS

The FM frequency range is from 87.5 to 108 MHz.
Fully extend the telescopic antenna and turn on the radio. Place the top BANDWIDTH control onto the MONO or STEREO position. Stereo is needed only when you're using headphones and STEREO appears to the bottom left of the frequency in the display. FM mono has better signal and noise ratio as well as anti-multiplex interference.

RDS/INFO:

The FIELD Radio supports RDS Data Streaming while tuning in the FM band. A short press of the RDS button will enable the display of RDS information as PS/PTY/RT/DATA in cycle. The RDS icon will be displayed in the lower left corner of the display in RDS mode.

PS: station name , when no station information, just display "NO PS";

PTY: program category, no program, just display " NO PTY"
RT: Radio text, no text, just display "NO RT"

DATA: Clock/Date/program call information, if no information, just display "NO DATA". If the information is available, the display format is:
Station call Weekly Month-Day-Year Hour:Minute

Weekly format:
"MON", "TUE", "WED" "THU", "FRI" "SAT", "SUN",
For example, the LCD will roll to display as WGSS, TUE 03-25-2014 02:15,

TUNING INTO MW (AM) STATIONS

Place the top BANDWIDTH switch into the W or N position (wide or narrow). Place bottom BANDWIDTH switch into the MW position.

Place SW RF GAIN switch into the 5 position, higher if necessary.

Tune in the station with the TUNING knob or by pressing the UP/DOWN button or by pressing and holding the UP/DOWN button for one second to engage auto tuning. Use WIDE if no interference is present. Use NARROW if interference is present.

CHANGING THE TUNING STEPS (9kHz or 10kHz)

MW, or medium wave stations, known as AM stations in North America, range from 520 to 1710 KHz in North America and from 522 to 1620 KHz in other parts of the world. In North America they tune in 10 KHz steps and in other parts of the world they may tune in 9 KHz steps. The radio is set up for 10 KHz tuning by default, but to change the steps to 9 KHz, With the radio off, long press the PRESET button to select.

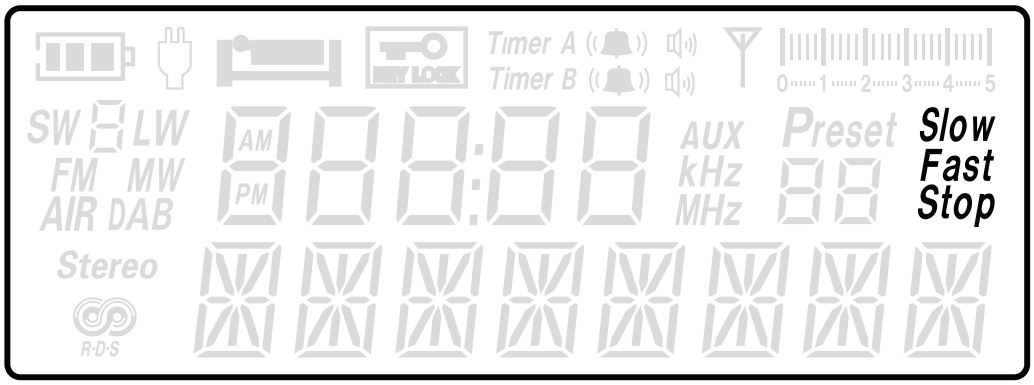
Long press to switch 9K or 10K, the LCD displays 9K or 10K.

USING THE SW RF GAIN KNOB

When listening to SW broadcast stations, this control knob should be dialed to or near position 5. If you are listening to a weak station, increase the gain, when listening to extremely strong stations, decrease the gain. For listening to Shortwave stations, place this control to maximum gain and decrease the gain as necessary.

CHANGING THE TUNING SPEED USING THE TIMER A / TUNING STEP BUTTON

With the radio on, short press TIMER A / TUNING STEP button, the LCD will display:



For"SLOW" mode, rotate tuning knob to increase or decrease frequency for FM at 10kHz, MW at 1kHz, SW at 1kHz;

For "FAST" mode,rotate tuning knob to increase or decrease frequency for FM at 100kHz, MW at 9kHz or 10kHz, SW at 5kHz;

For "STOP" mode, the rotating tuning knob is disabled.

ANTENNA DX/LOCAL SWITCH

If the station you're listening to is so strong that it sounds distorted, turn this switch to the LOCAL position. Otherwise, leave it on DX, which stands for maximum distance.

TUNING IN SW (shortwave) STATIONS

Turn on radio.

Place the upper BANDWIDTH switch in the W or N position. Place the lower switch into SW1, SW2 or SW3. Initially set the SW RF Gain dial to the max position for the highest sensitivity. This will aid in picking up even the weakest of signals. However, if the signal of desired station is strong, the maximum gain setting will cause signal to be overloaded and distorted, in this case rotate RF Gain knob counterclockwise to reduce the gain until the distortion is eliminated.

The SW RF gain can be adjusted to increase or decrease sensitivity as necessary to minimize interference.
SW appears in frequency range of 1711 to 29999 KHz.
Tune in the station with the TUNING knob or by pressing the UP/DOWN button or by pressing and holding the UP/DOWN button for one second to engage auto tuning.

TUNING TO SW FREQUENCY RANGES (BANDS)

Tune to these frequency ranges for best results. The radio can also tune between these ranges.

Meter Band (m)	Frequency	Best Time of Day
90m	3,200-3,400 kHz	
75m	3,900-4,000 kHz	
60m	4,750-5,050 kHz	night
49m	5,800-6,200 kHz	night
41m	7,100-7,500 kHz	night
31m	9,500-10,000 kHz	night
25m	11,650-12,200 kHz	
19m	15,100-15,800 kHz	day
16m	17,550-17,900 kHz	day
15m	18,900-19,020 kHz	
13m	21,450-21,850 kHz	day
11m	25,600-26,100 kHz	day

OPTIMIZING SHORTWAVE RECEPTION

Shortwave enables listening to broadcasts over vast distances including other countries and continents. The following information will help you get the best results. During the day, frequencies above 13 MHz are usually best.

At night, frequencies below 13 MHz are usually best. Around sunset and sunrise, the entire shortwave range may be good.

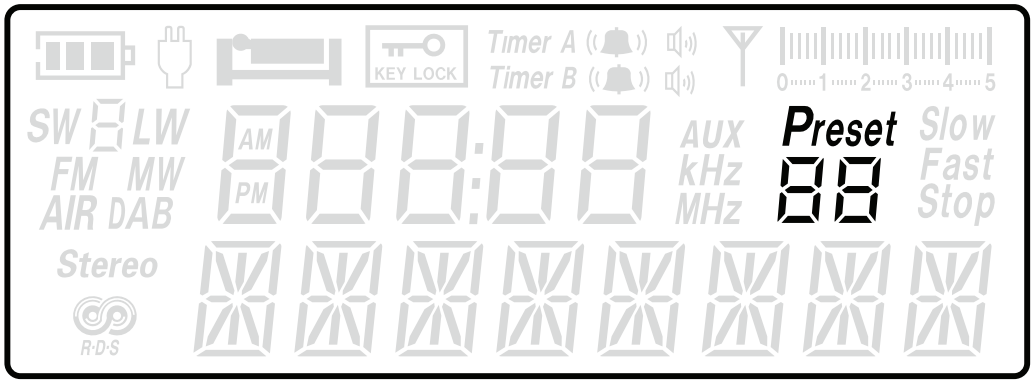
Getting very close to a window and holding the radio improves shortwave reception.

To learn about shortwave we recommend the publication below, published yearly and available from major booksellers. Additionally, the Internet is a great resource for learning about shortwave. Type 'shortwave reception' into your favorite search engine.

WORLD RADIO TV HANDBOOK

Published in the USA by Watson-Guptill Publications, 770 Broadway, 7th Floor, New York, NY 10003-9595. www.watsonguptill.com

STORING STATIONS TO PRESET LOCATIONS



With the radio on, press ALARM button to preset stations in to memory.

When listening to radio, rotate the tuning knob or press the UP/DOWN arrow or Q.TUN buttons to select your desired station. Press ALARM button, "***Preset***" icon will flash in the display. Press UP/DOWN arrow buttons to select memory address (1~10) "Preset 88", press the ALARM button again to store station to selected address and exit memory status. The user can repeat this procedure to store other favorites, then press PRESET button to recall memorized stations.

Note: The radio can store a total 50 memories, 10 presets for each band.

RETRIEVING STATIONS FROM PRESETS

With the radio on, press the PRESET button continuously to retrieve the stations that have been stored. Notice that the frequency in the display changes and the 'Preset' number shows on the right side of the display.
A station cannot be erased from memory. Simply store another station over it.

SETTING THE CLOCK

The FIELD's clock works in either the 12 hour or 24 hour mode. To change the clock from one mode to another, turn the radio off, press and hold the UP button for 1 second.

To set the clock:

1. Turn radio off.
2. Press and hold the T.SET button until the hour starts flashing.
3. Turn the tuning knob in either direction or press the UP button to set the hour.
4. Quick press the DOWN button and the minutes will begin to flash, turn the tuning knob to set the minutes
5. Quick press the T.SET button to finalize the entry.

Note: If the above steps are not completed quickly enough the time set mode will exit. If it exits, if this occurs, simply start over.

SETTING, ACTIVATING AND DEACTIVATING THE ALARM CLOCK

With the radio off, both buttons have the TIMER A/TIMER B function meaning that they can set two different alarms.

Display Timer A/Timer B

Short press TIMER A or TIMER B button, "***Timer A***" or "***Timer B***" icon will flash indicating which timer's time is currently being displayed.

SETTING TIMER A / TIMER B values

Long press TIMER A or TIMER B until the timer is flashing. Press ▲ button to change hour, then rotate tuning knob to adjust hour;

Press ▼ button to change hour, then rotate tuning knob to adjust hour;

Finally press TIMER A or TIMER B to confirm timer adjustment.

Select Alarm by Radio or Buzzer

While in TIMER A or TIMER B, adjust mode press the (🔔) to select between buzzer and radio alarm.

(🔔) : indicates buzzer alarm
🔊: indicates radio alarm

If neither the (🔔) or 🔊 icons are displayed the ALARM is off.

Buzzer or Radio Alarm (via TIMER) function

When buzzer timer alarm is activated, the buzzer signal will last 2 minutes, the (🔔) icon will flash;

When the radio timer alarm is activated, the radio will play for 60 minutes, the 🔊 icon will flash;

Pressing any button other than the power button will activate the Snooze function. The or icons will continue to flash but the buzzer or radio will be off during the Snooze time. After 5 minutes, the buzzer or radio will come on again. The Snooze function can be enabled 4 times, after the 4th time the press of any button will disable the Timer alarm.

To immediately disable the Timer alarm, press the Power button.

SETTING AND DEACTIVATING THE SLEEP TIMER

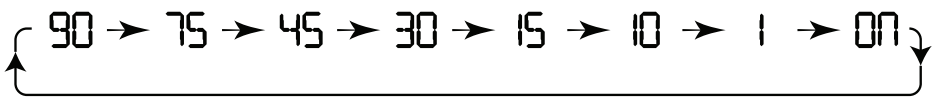
Press the red POWER & SLEEP button on the front top right corner of the radio. When the radio turns on you will briefly see the word "ON" on the display, Press the POWER & SLEEP button agiain to activate the sleep timer, the icon will appear in the upper left of the display and a number will appear in the center of the display, this is the sleep time. The radio will play for this amount of minutes and then shut off. It can be deactivated by repeatedly pressing the power button until 'on' appears in the bottom of the display; with each press you will see the numbers going down from 90 to 60 to 45 to 30 to 15 to 10 to 5 to 1 minute and then to 'on'. When 'on' appears, stop pressing the button. The sleep timer is now deactivated.

<Alternatively you can mix and match the text below for the sleep timer description>

Press Power & sleep button, the LCD will display "60"

"icon, which indicates the unit will turn off automatically after 60 seconds.

If you want to change sleep timer, press Power & Sleep button continuously when the "60" and " " icon is displayed, the digit will be changed to your desired time. The "ON" icon indicates the power is on .



With the radio on, press Power & Sleep button to turn off radio and display clock status.
When the "ON" icon is displayed, the radio will remain on until it is manually turned off again.

SETTING DEFAULT BACKLIGHT BRIGHTNESS

With the radio off, press the Q.TUNE button, the display backlight will toggle between LOW, MEDIUM and HIGH backlight brightness. The last setting selected will be activated when the radio is playing.

Note: The backlight will go to sleep after 10 seconds while the radio is playing. To keep the backlight always-on slide the BACKLIGHT switch on the side of the radio to the "ON" setting.

USING THE LOCK BUTTON

To lock all of the keys and buttons press and hold the LOCK button (front top of the radio) until you see a symbol of a key appears in the top, middle of the display. Press the same button for 2 seconds to unlock it.

ENABLING AND DISABLING BUTTON FEEDBACK

With the Radio off, Press and hold the ALARM button, the text BUZZER ON will be displayed. In this mode, a button press feedback beep will be played each time, the user presses a button. Release the ALARM button and press and hold again to turn the buzzer off, BUZZER OFF will be displayed on the screen. At this time the user feedback beeps will be disabled.

AUDIO VOLUME AND TONE CONTROLS

Volume Control

Turn up the volume by turning the volume knob (lower left corner knob of radio) clockwise (right), down by turning the knob counterclockwise (left).

Adjust Audio Tone

Rotate Bass/Treble knob to get desired Bass or Treble audio quality

USING THE EARPHONE JACK

The earphone jack can be used with stereo headphones using an 1/8 inch (3.5 millimeter) plug. FM sound is in stereo if the signal is sent in stereo and the ST position is selected with the BANDWIDTH switch. The internal speaker will be muted when a device is connected to the Earphone jack.

USING THE LINE IN/OUT SOCKETS

These sockets are on the right side of the FIELD, an 1/8 inch stereo type (3.5 mm). An external audio device (such as an MP3 player) can be played by connecting an AUX line from the device into the Line-In socket. When a device

is connected to the Line-in socket the word "AUX" will be displayed on the screen.

The Line-Out socket can be used to feed audio from the FIELD to amplified external speakers. The internal speaker will still be functional when a device is connected to the Line-Out socket.

EXTERNAL ANTENNAS

ANT. SELECTOR SWITCH: EXT or INT

Use this switch to enable the use of FM or SW internal or external antennas.

MW EXT. ANT. – This is a 500 ohm impedance socket, for use with long wire antennas.

FM/SW EXT. ANT.socket – Located on the back of the radio is primarily for antennas designed to be fed with 50 or 75 ohm coaxial cable, such as dipoles or comparable antennas. It can also be used for long wire antennas. Use F plugs for feeding this socket.

USING THE GRUNDIG AN200 ANTENNA FOR IMPROVED AM(MW) PERFORMANCE (NOT INCLUDED)

The AN200 AM broadcast band (MW) loop antenna or any similar model does not need to be plugged in, simply set it next to the radio and tune it to the same frequency that the radio is tuned to. Swivel the radio and the antenna

to achieve maximum performance. This antenna can be purchased by contacting Eton or one of our distributors.

Call us for details.

TO RESET THE FIELD

If the radio malfunctions or doesn't work properly, insert a paper clip into the hole on the front lower right side. Make sure the paper clip is inserted until the display reappears.

NEED HELP? CONTACT US.

Etón Corporation
1015 Corporation Way, Palo Alto, CA 94303, USA 1-800-872-2228 (U.S.)
1-800-637-1648 (Canada)
650-903-3866 (worldwide)
M-F, 8:00AM-4:30PM, Pacific Standard Time
www.etoncorp.com.

WARNING

- Do not expose this appliance to rain or moisture.
- Do not submerge or expose for extended period to water.
- Protect from high humidity and rain.
- Only operate within specified temperature range (0 °C to 40 °C).
- Unplug immediately if liquid has been spilled or any object has fallen into the apparatus.
- Clean only with a dry cloth. Do not use detergents or chemical solvents as this might damage the finish.
- Unplug and disconnect external antennas during lightning storms.
- Do not remove cover [or back].
- Refer servicing to qualified service personnel.

ENVIRONMENT

Disposal

According to the European Directive 2002/96/EC all electrical and electronic products must be collected separately by a local collection system.
Please act according to your local rules and do not dispose of your old products with your normal household waste.

Please dispose of all types of batteries per your Government, State or Local rules and/or regulations. If you are unsure, please call the appropriate local authority to find out how to dispose of them safely and help protect the environment.

WARRANTY REGISTRATION

To ensure full warranty coverage or product updates, registration of your product should be completed as soon as possible after purchase or receipt.

Please go to
http://www.etoncorp.com/productregistration to register your product.

LIMITED WARRANTY

Retain your proof of purchase or the receipt. Limited Warranty information can be viewed at **www.etoncorp.com** in the Support section.

SERVICE FOR YOUR PRODUCT

To obtain service for your product, we recommend first contacting an Etón service representative at 800-872-2228 US, 800-637-1648 Canada or (650) 903-3866 for problem determination and trouble-shooting. If further service is required, the technical staff will instruct how to proceed based on whether the radio is still under warranty or needs non-warranty service.

WARRANTY

If your product is still in warranty and the Etón service representative determines that warranty service is needed, a return authorization will be issued and instructions for shipment to an authorized warranty repair facility. Do not ship your radio back without obtaining the return authorization number.

NON-WARRANTY

If your product is no longer under warranty and requires service our technical staff will refer you to the nearest repair facility that will be able to best handle the repair.

For service outside of North America, please refer to the distributor information included at time of purchase/receipt.

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www.etoncorp.com

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v.06132014

Field

NOW BROADCASTING

Field ready and field tested the **Etón Field** receives most every radio wavelength—AM (MW), FM, and Shortwave (SW)—at home or abroad. And it's easy to set the station spacing and frequency so your stations come in loud and clear wherever you are.

LISTEN UP

With high sensitivity, strong anti-interference, low background noise, and even lower distortion, listening on the Etón Field is a real pleasure. Plus, its wide/narrow bandwidth selection improves audio fidelity and minimizes noise. Listen out loud or plug in your favorite headphones.

FYI, IT'S GOT RDS

The Etón Field radio features RDS for FM. RDS stands for Radio Data System and it enables FM broadcasters to deliver more than just an analog audio signal, but also to transmit digital data, like the station's call letters, style of music, song title, artist and more. Nice.

am|fm
Receives AM/FM Band

SW
Receives Shortwave Band

RDS
Receives RDS

digital tuning
Digital Tuner

Alarm Clock

Headphone Jack

Audio Line Input

AM/FM with RDS/Shortwave Radio

WAKE UP

With local and world time settings, radio and buzzer alarm clock settings, sleep timer and snooze light, the Etón Field keeps you in time...in any time zone. And if you want to prevent the radio or alarm from turning on all together, just hit Lock.

UP TO SPEED

When it comes to tuning in to your favorite frequency, you can take it fast...or slow. The dial-in-dial tuning knob lets you select your speed—fast, slow or stop to keep it in a locked position.

FIELD READY

The Etón Field radio includes a built-in hand strap for carrying your radio with ease.

GET POWERED UP

Use 4 D batteries (not included) or plug in the supplied AC adapter into the DC jack for full power. The battery strength indicator on the display will let you know when it's time for a change.

SHORTWAVE BANDS

AM	520 – 1710 kHz
FM	87.5 – 108 MHz
SW	1.711 – 29.999 MHz

FEATURES

- AM/FM/SW bands
- FM with RDS (Radio Data System)
- Dial-in-dial coarse/fine digital tuning
- Treble/bass control
- RF gain control
- Wide/narrow bandwidth selection
- 50 memory stations
- External AM/FM/SW antenna connections
- Local/DX switch
- Rich orange LCD display
- Line-in/line-out and headphone jacks
- FM telescopic antenna
- Carrying strap
- Reset/lock button
- Power supply: 6V DC adapter or 4 D batteries (sold separately)

PRODUCT SETUP INFORMATION

Color	Item Number	UPC
Etón Field	NGWFB	750254808807

What's Included	Product Size & Weight
Etón Field	Height: 12.4" (31.5 cm)
Owner's Manual	Width: 6.9" (17.4 cm)
AC/DC Adapter	Depth: 3.0" (7.5 cm)
	Weight: 3 lbs 11 oz (1.7 kg)

Packaging Dimensions	Master Carton Dimensions
Height: 15.5" (39.4 cm)	Height: 22.8" (58.0 cm)
Width: 8.4" (21.4 cm)	Width: 15.9" (40.5 cm)
Depth: 4.5" (11.4 cm)	Depth: 8.8" (22.5 cm)
Weight: 5 lbs 7 oz (2.5 kg)	Weight: 22.7 lbs (10.3 kg)

Case Quantity	4

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